

Remarks

The above Amendments and these Remarks are in reply to the Office Action mailed March 10, 2004. No fee is due for the addition of any new claims. An appropriate Petition for Extension of Time to Respond is submitted herewith, together with the appropriate fee.

Claims 1-14 were pending in the Application prior to the outstanding Office Action. In the Office Action, the Examiner rejected claims 1-14. The present replaces claims 1, 10 and 11 and cancels claim 9, leaving for the Examiner's present consideration claims 1-8 and 10-14. Reconsideration of the rejections is requested.

CLAIM OBJECTIONS

Examiner objected to claim 9 because the it recites "the at least one telephone numbers" in lines 6 and 7 of the claim, though the element is assumed to be "the at least one telephone number". Applicant has cancelled claim 9 and respectfully requests this rejection be withdrawn. Applicant reserves the right to reintroduce claim 9 in the present application or subsequent continuation applications.

Examiner objected to claim 10 and 11 because they had an indication in parenthesis that the claims are in original form though they had been amended. Applicant acknowledges that claims 10 and 11 were amended in the previous Response, and apologizes for the error in representing the claims as in the original format in that Response. Applicant has replaced claims 10 and 11 in the present Response, and correctly included an indication in parenthesis that the claims are currently amended. Applicant respectfully requests this objection be withdrawn.

CLAIM REJECTION UNDER 35 USC §112

Examiner rejected claim 1 under 35 USC §112, second paragraph, as being indefinite for

failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In particular, Examiner indicated the claim is unclear because web content does not have any connection to the data portion or to the data file (web page). Applicant has replaced claim 1 to clarify the relation between the cited elements of claim 1. In particular, claim 1 recites that a web page data file contains a content portion, and that the content portion includes a web content data. Applicant respectfully requests that the rejection under 35 USC §112, second paragraph, be withdrawn.

REJECTION UNDER 35 USC §102

The Examiner rejected claim 9 under 35 USC §102(b) as being anticipated by United States Patent No. 6,675,204 (Boor). Applicants have cancelled claim 9, and request the rejection under 35 USC §102 be withdrawn. Applicant reserves the right to reintroduce claim 9 in the present application or subsequent continuation applications.

RESPONSE TO REJECTIONS UNDER 35 USC §103

The Claimed Invention Distinguishes Over the Combination of Boor in view of Horowitz

The Examiner rejected claims 1-8 and 12-14 under 35 USC §103(a) as being unpatentable over Boor in view of United States Patent No. 6,122,647 (Horowitz). Applicants have amended independent claims 1, 10 and 11 and request submit that these independent claims and the claims directly or indirectly dependent on them are in condition for allowance.

Boor

Boor discloses a wireless communication device having telecommunication control and other functions defined in various user interface pages written in markup language. The user interface pages are stored in a local memory on the wireless communication device and fetched by a browser,

which decodes them and displays the appropriate user interface elements (col. 4, lines 19-38). Boor also discloses embedding objects within an HTML page. Once a URL in a current page is selected by a user, the URL is passed to an embedded object, thus allowing the URL to be processed or modified by what the user has selected before it is given to a shell 106 for processing for display. Embedded objects may include a phone book, a missed phone call list, and a phone number look up object. Rather than displaying phone numbers identified by searching through content, Boor discloses providing URL links to objects that contain information. Additionally, Boor provides entire displays in the form of user interface pages and user interfaces. Boor does not disclose reducing pages or displaying portions of data presented on web pages on the mobile communication device.

Horowitz

Horowitz discloses parsing through a selected portion of a first document, determining tokens within the selected portion of the first document by identifying terms having the highest occurrence in the selected portion, matching or adding the high occurring terms to a database, searching for a list of secondary documents associated with each term, and providing a link for each term to the associated secondary documents. When selected, the links provide additional content. (col. 7, line 54 to col. 8, line 37, col. 8, line 40 to col. 10, line 7, figure 6-7). As an example, content of text regarding the "History of the Siberian Husky" is provided in figure 4a. In figure 4d, five links (determined from repeated terms in selected text of the document) are displayed in addition to the content of the document. When selected, the links provide more text based content related to the particular link, as shown in figure 5. Horowitz does not disclose generating links to a service from a content portion from the Web page data file, not disclosing the remainder of the content portion.

Horowitz teaches away from the present invention by disclosing the display of an entire document on the display, and links to additional entire documents upon selection of a link. Further, the links in Horowitz are links to content, not a link to a service.

The Claimed Invention Distinguished

The invention as claimed is patentably distinguishable from the prior art. The invention as claimed in claim one recites a method for providing data detection from Web content information for mobile devices that comprises receiving a URL from a user, accessing a Web page data file identified by the URL, detecting a content portion from the Web page data file where the content portion is adapted to be enhanced by introducing at least one new link indication to a service, searching the content portion to identify Web content data where the web content data is included in the content portion and adapted to be accessed to provide at least one new link service from a mobile device through a wireless connection, and displaying the identified web content data using the at least one new link indication on a display, where the remainder of the content portion is not displayed on the display. Thus, the invention as claimed in claim one retrieves web content data from the content portion of a web page data file. At least one link indication is then generated from the web content portion and displayed on a mobile device display. The remainder of the content portion is not displayed in mobile device display. This is advantageous in that desirable information may be displayed to a user while the remainder of the content portion does not take up valuable space in the smaller mobile device display. As discussed above, neither Boor nor Horowitz disclose or suggest this combination of elements.

The invention as claimed in claims 10 and 11 recite a method for providing telephone access using Web page information comprising receiving a URL from a user, accessing a Web page data

file identified by the URL, detecting a content portion from the Web page data file, searching the content portion to identify Web content data, the web content data included in the content portion, identifying a address or email from the content, displaying the address or email, and providing a user keypad selection enabling a map to be displayed or an email to be initiated. Thus, the claimed inventions of claim 10 and 11 teach searching through content and identifying an address or email. Once the appropriate content is identified, the claimed invention teaches providing a user keypad selection that enables an action to be performed that is associated with the address or email, such as display a location or send an email. Neither Boor nor Horowitz disclose or suggest this combination of elements. In contrast to displaying phone numbers identified by searching through content as recited in claims 10 and 11, Boor discloses providing URL links to objects that contain information. Thus, phone numbers and emails in the content of web page files in Boor are not identified and displayed on mobile device displays in either Boor or Horowitz.

The Combination of Boor and Horowitz Teach Away from the Claimed Invention

The invention in claim 1 is further patentable over Boor and Horowitz. because there is no motivation to combine Boor and Horowitz to achieve the invention as claimed in claim 1. As discussed above, Horowitz discloses identifying high occurrence tokens in a first document and providing links to new pages of content in additional documents. This is not practical in mobile devices where displays are significantly smaller and only a few lines of text and other information can be displayed at a time, as explained in the background section of Boor (col. 1 line 64 to col. 2, line 17). Entire documents are not viewed or displayed in the present invention. Thus, Horowitz teaches away from the claimed invention by disclosing a method for providing an entire document for display, and further providing a set of links within the entire document, from which entire

additional documents may be viewed by selecting the links. As a result, the combination of Horowitz and Boor teach away from viewing documents on a mobile device having a display that is smaller than typical displays associated with non-mobile devices.

As discussed above, independent claim 1 recites the elements discussed above that distinguish the claimed invention from Horowitz in view of Boor. Claims 2-8 and 12-14 all directly or indirectly depend from and inherit the patentably distinguishing limitations from allowable claim 1 in addition to containing additional distinguishing elements. Therefore, Applicants respectfully submit that claims 2-8 and 12-14 are now in position to overcome this rejection and requests the rejection be withdrawn.

The references cited by the Examiner but not relied upon have been reviewed, but are not believed to render the claims unpatentable, either singly or in combination.

Conclusion

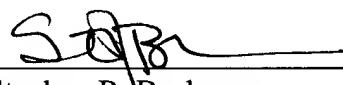
In light of the above, it is respectfully submitted that all of the claims now pending in the subject patent application should be allowable, and a Notice of Allowance is requested. The Examiner is respectfully requested to telephone the undersigned if he can assist in any way in expediting issuance of a patent.

Enclosed is a PETITION FOR EXTENSION OF TIME UNDER 37 C.F.R. § 1.136 for extending the time to respond up to and including July 10, 2004.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 06-1325 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

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